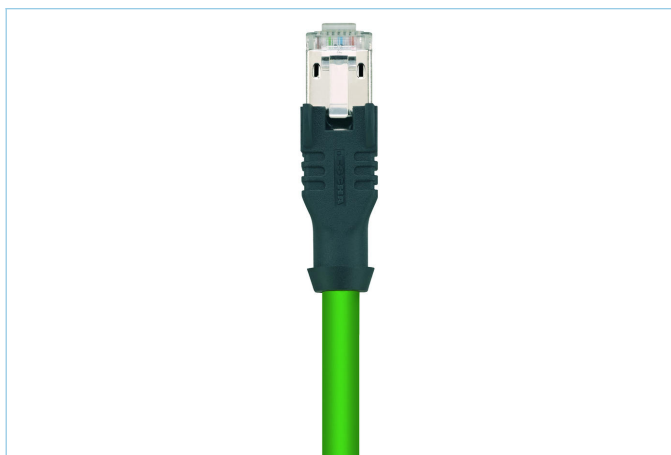
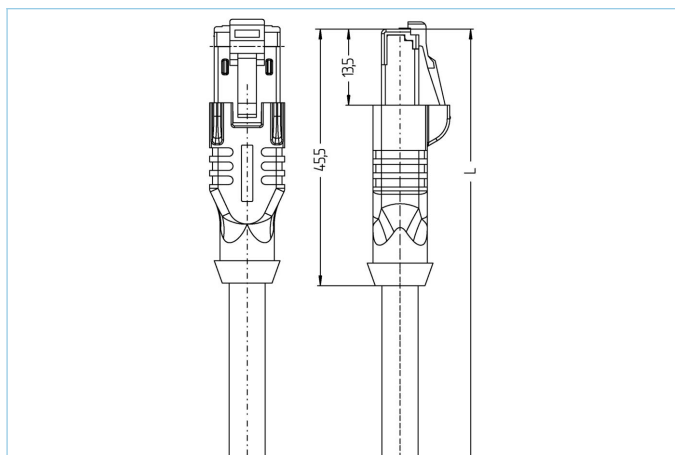


Double-ended cordset, 10 GBit/s, Industrial Ethernet, RJ45, shielded



Product data

Item description	IE-RJ45SS8.002-5-IE-RJ45SS8.002/S3500
Item-No.	8048830
Length	5m
Customs tariff-No.	85444290
Step-File	IE-RJ45SS8-m-IE-RJ45SS8_S3500.stp
EAN	4047106008796
Label-carrier	2 pieces

Technical data

	A-side	B-side
Connector	male, straight, RJ45	male, straight, RJ45
Number of pins	8	8
Pin assignment	1 WHOG, 2 OG; 3 WHGN, 4 BU; 5 WHBU, 6 GN; 7 WHBN, 8 BN	1 WHOG, 2 OG; 3 WHGN, 4 BU; 5 WHBU, 6 GN; 7 WHBN, 8 BN
Allocation	T568B	T568B
Rated voltage	50V	50V
Current load (at 40°C)	1A	1A
Insulation resistance	$\geq 10^8 \Omega$	$\geq 10^8 \Omega$
Transmission features	Cat6A	Cat6A
Ambient temperature product	-40°C...+70°C	-40°C...+70°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic	Plastic
Grip body material	Plastic, TPE, BK	Plastic, TPE, BK
Shielding	with shielding	with shielding
Material of shielding housing	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Standards	IEC 60603-7-5	IEC 60603-7-5
Degree of protection (mounted)	IP20	IP20
Mechanical life-cycle	>750 mating cycles	>750 mating cycles
Degree of pollution	1	1

Advanced technical data UL

Rated voltage	30V _{AC/DC}
Rated current	1,0

Cable		Cat7, PUR, UL, S3500
Shielded PUR-cable for industrial applications. The cable meets the UL-Style 20963 and the Cat7 (electrical properties according to EN50288-4-2) requirements. Materials and a constructive setup allow for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable.		
Outer diameter of jacket		6,40 mm
Cable-jacket material		PUR
Jacket color		GN, similar RAL6018
Wire cross-section		4 x 2 x 0.14 mm ²
Wire insulation material		PE
Wire colors		WH/OG ; WH/GN ; WH/BN ; WH/BU
Conductor structure		7 x 0.16 mm
Bending radius (fixed)		5 x Ø-cable
Bending radius (repeated)		10 x Ø-cable
Temperature range (repeated)		-20°C...+60°C
Temperature range (fixed)		-40°C...+80°C
Shielding		Yes
Halogen-free		Yes
Transmission features		Cat7
Rated voltage cable		30 V UL rating
Special features		seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, UV resistant, hydrolysis proof, halogen free, oil resistant, high flexibility, no corrosive gases, microbes resistant, no fire propagation
Classification		
eCl@ss 6.0		27060307
eCl@ss 7.0		27060307
eCl@ss 8.0		27060307
eCl@ss 9.0		27060307
ETIM 5.0		EC002599
ETIM 6.0		EC002599
Accessories		
Unlocking clip for RJ45		
https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=807		